GTTCTGAGCACAGGGCTGGAGAAAACCTCTGCGAGGAAAGGGAAGGAGCAAGCCGTGA -35 met asp ala met lys arg gly leu ATG GAT GCA ATG AAG AGA GGG CTC ATTTAAGGGACGCTGTGAAGCAATC cys cys val leu leu cys gly ala val phe val ser pro ser TGC TGT GTG CTG CTG TGT GGA GCA GTC TTC GTT TCG CCC AGC -10
gln glu ile his ala arg phe arg arg gly ala arg SER TYR GLN
CAG GAA ATC CAT GCC CGA TTC AGA AGA GGA GCC AGA TCT TAC CAA VAL ILE CYS ARG ASP GLU LYS THR GLN MET ILE TYR GLN GLN HIS GTG ATC TGC AGA GAT GAA AAA ACG CAG ATG ATA TAC CAG CAA CAT GLN SER TRP LEU ARG PRO VAL LEU ARG SER ASN ARG VAL GLU TYR CAG TCA TGG CTG CGC CCT GTG CTC AGA AGC AAC CGG GTG GAA TAT CYS TRP CYS ASN SER GLY ARG ALA GLN CYS HIS SER VAL PRO VAL TGC TGG TGC AAC AGT GGC AGG GCA CAG TGC CAC TCA GTG CCT GTC LYS SER CYS SER GLU PRO ARG CYS PHE ASN GLY GLY THR CYS GLN AAA AGT TGC AGC GAG CCA AGG TGT TTC AAC GGG GGC ACC TGC CAG GLN ALA LEU TYR PHE SER ASP PHE VAL CYS GLN CYS PRO GLU GLY CAG GCC CTG TAC TTC TCA GAT TTC GTG TGC CAG TGC CCC GAA GGA PHE ALA GLY LYS CYS CYS GLU ILE ASP THR ARG ALA THR CYS TYR TTT GCT GGG AAG TGC TGT GAA ATA GAT ACC AGG GCC ACG TGC TAC GLU ASP GLN GLY ILE SER TYR ARG GLY THR TRP SER THR ALA GLU GAG GAC CAG GGC ATC AGC TAC AGG GGC ACG TGG AGC ACA GCG GAG SER GLY ALA GLU CYS THR ASN TRP ASN SER SER ALA LEU ALA GLN AGT GGC GCC GAG TGC ACC AAC TGG AAC AGC AGC GCG TTG GCC CAG LYS PRO TYR SER GLY ARG ARG PRO ASP ALA ILE ARG LEU GLY LEU AAG CCC TAC AGC GGG CGG AGG CCA GAC GCC ATC AGG CTG GGC CTG GLY ASN HIS ASN TYR CYS ARG ASN PRO ASP ARG ASP SER LYS PRO GGG AAC CAC AAC TAC TGC AGA AAC CCA GAT CGA GAC TCA AAG CCC

FIG. 1A

TRP CYS TYR VAL PHE LYS ALA GLY LYS TYR SER SER GLU PHE CYS TGG TGC TAC GTC TTT AAG GCG GGG AAG TAC AGC TCA GAG TTC TGC SER THR PRO ALA CYS SER GLU GLY ASN SER ASP CYS TYR PHE GLY AGC ACC CCT GCC TGC TCT GAG GGA AAC AGT GAC TGC TAC TTT GGG ASN GLY SER ALA TYR ARG GLY THR HIS SER LEU THR GLU SER GLY AAT GGG TCA GCC TAC CGT GGC ACG CAC AGC CTC ACC GAG TCG GGT ALA SER CYS LEU PRO TRP ASN SER MET ILE LEU ÎLE GLY LYS VAL TYR THR ALA GLN ASN PRO SER ALA GLN ALA LEU GLY LEU GLY LYS TAC ACA GCA CAG AAC CCC AGT GCC CAG GCA CTG GGC CTG GGC AAA HIS ASN TYR CYS ARG ASN PRO ASP GLY ASP ALA LYS PRO TRP CYS CAT AAT TAC TGC CGG AAT CCT GAT GGG GAT GCC AAG CCC TGG TGC HIS VAL LEU LYS ASN ARG ARG LEU THR TRP GLU TYR CYS ASP VAL CAC GTG CTG AAG AAC CGC AGG CTG ACG TGG GAG TAC TGT GAT GTG PRO SER CYS SER THR CYS GLY LEU ARG GLN TYR SER GLN PRO GLN CCC TCC TGC TGC TGC GGC CTG AGA CAG TAC AGC CAG CCT CAG PHE ARG ILE LYS GLY GLY LEU PHE ALA ASP ILE ALA SER HIS PROTTT CGC ATC AAA GGA GGG CTC TTC GCC GAC ATC GCC CAC CCC TRP GLN ALA ALA ILE PHE ALA LYS HIS ARG ARG SER PRO GLY GLU TGG CAG GCT GCC ATC TTT GCC AAG CAC AGG AGG TCG CCC GGA GAG ARG PHE LEU CYS GLY GLY ILE LEU ILE SER SER CYS TRP ILE LEU CGG TTC CTG TGC GGG GGC ATA CTC ATC AGC TCC TGC TGG ATT CTC SER ALA ALA HIS CYS PHE GLN GLU ARG PHE PRO PRO HIS HIS LEU TCT GCC GCC CAC TGC TTC CAG GAG AGG TTT CCG CCC CAC CAC CTG THR VAL ILE LEU GLY ARG THR TYR ARG VAL VAL PRO GLY GLU GLU ACG GTG ATC TTG GGC AGA ACA TAC CGG GTG GTC CCT GGC GAG GAG

FIG. 1B

GLU GLN LYS PHE GLU VAL GLU LYS TYR ILE VAL HIS LYS GLU PHE GAG CAG AAA TTT GAA GTC GAA AAA TAC ATT GTC CAT AAG GAA TTC ASP ASP ASP THR TYR ASP ASN ASP ILE ALA LEU LEU GLN LEU LYS GAT GAT GAC ACT TAC GAC AAT GAC ATT GCG CTG CAG CTG AAA SER ASP SER SER ARG CYS ALA GLN GLU SER SER VAL VAL ARG THR TCG GAT TCG TCC CGC TGT GCC CAG GAG AGC AGC GTG GTC CGC ACT VAL CYS LEU PRO PRO ALA ASP LEU GLN LEU PRO ASP TRP THR GLU GTG TGC CTT CCC CCG GCG GAC CTG CAG CTG CCG GAC TGG ACG GAG CYS GLU LEU SER GLY TYR GLY LYS HIS GLU ALA LEU SER PRO PHE TGT GAG CTC TCC GGC TAC GGC AAG CAT GAG GCC TTG TCT CCT TTC TYR SER GLU ARG LEU LYS GLU ALA HIS VAL ARG LEU TYR PRO SER TAT TCG GAG CGG CTG AAG GAG GCT CAT GTC AGA CTG TAC CCA TCC SER ARG CYS THR SER GLN HIS LEU LEU ASN ARG THR VAL THR ASP AGC CGC TGC ACA TCA CAA CAT TTA CTT AAC AGA ACA GTC ACC GAC ASN MET LEU CYS ALA GLY ASP THR ARG SER GLY GLY PRO GLN ALA AAC ATG CTG TGT GGT GGA GAC ACT CGG AGC GGC GGG CCC CAG GCA ASN LEU HIS ASP ALA CYS GLN GLY ASP SER GLY GLY PRO LEU VAL AAC TTG CAC GAC GCC TGC CAG GGC GAT TCG GGA GGC CCC CTG GTG CYS LEU ASN ASP GLY ARG MET THR LEU VAL GLY ILE ILE SER TRP TGT CTG AAC GAT GGC CGC ATG ACT TTG GTG GGC ATC ATC AGC TGG GLY LEU GLY CYS GLY GLN LYS ASP VAL PRO GLY VAL TYR THR LYS GGC CTG GGC TGT GGA CAG AAG GAT GTC CCG GGT GTG TAC ACC AAG VAL THR ASN TYR LEU ASP TRP ILE ARG ASP ASN MET ARG PRO OP GTT ACC AAC TAC CTA GAC TGG ATT CGT GAC AAC ATG CGA CCG TGA

FIG. 1C

FIG. 1D

